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(54) Title: PYRROLOIMIDAZOLE DERIVATIVES, THEIR PREPARATION, PHARMACEUTICAL COMPOSITION CONTAINING THEM, AND THEIR USE AS NOOTROPIC AGENTS

(57) Abstract: Described herein are new bicyclic arylimidazolones having nootropic action (i.e., protecting and stimulating cerebral functions), analgesic action and anti hyperalgesic action; also described is the process for their preparation and pharmaceutical compositions comprising them, useful for the treatment of cognitive deficits, and of various types of pain.

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# INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C07D487/04 A61K31/4188

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category \* Citation of document, with indication, where appropriate, of the relevant passages

Relevant to claim No.

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## INTERNATIONAL SEARCH REPORT

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	MARIO PINZA ET AL.: "Synthesis and Pharmacological Activity of a Series of Dihydro-1H-pyrrolo[1,2-a]imidazole-2,5(3H, 6H)-diones, a Novel Class of Potent Cognition Enhancers" JOURNAL OF MEDICINAL CHEMISTRY., vol. 36, no. 26, 24 December 1993 (1993-12-24), pages 4214-4220, XP002295812 USAMERICAN CHEMICAL SOCIETY. the whole document -----	1-26

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